The Tech

Vol. XXV. No. 80. BOSTON, MASS., FRIDAY, MAY 4, 1906 Price Three Cents.

INTERSCHOLASTIC DRILL.

Stoneham High School Wins Cup at Annual Competitive Drill Wednesday.

The Annual Interscholastic Competitive Drill held in South Armory Wednesday afternoon proved to be one of the most successful ever held at the Institute. Ten high schools had entered teams of three men each, and as each team brought a delegation of stanch supporters the benches were nearly filled by enthusiastic onlookers.

The exercises commenced at two o'clock with a company drill by the M. I. T. C. C., Captains Dolke, Heath, Lufkin and Perry commanding. The battalion was then drawn up in Battalion Formation by Adjutant Hodsdon and Company D acted as escort to the colors. Battalion Drill, under command of Major Carter, followed until three o'clock. All the companies had nearly a full attendance, and the Freshmen drilled unusually well.

In the interval before the appearance of the competitive squad, and during the succeeding intermissions, the Freshman Band rendered a program that surprised and pleased everyone by its variety and vigor of execution.

At about three o'clock the competitive squad, consisting of thirty men, appeared on the floor under command of Lieutenant Hodsdon. They were drawn up in a single rank and drilled upon the manual of arms, marchings and facings. The judges, C. C. Batchelor, Sergeant Co. M, 1st Corps M. V. M., H. S. Wonson, '07, former Captain M. I. T. C. C. and B. Nichols, '07, former Lieutenant M. I. T. C. C. picked fifteen men for further trial. This squad was again put through the drill by Lieutenant Shillaber and eight men were selected by the judges for final decision. The final squad was commanded by Lieutenant Jackson.

The Competitive Drill was followed by Dress Parade by the Freshman Battalion. Major Wheeler then announced the decisions of the judges and presented the prizes amidst great enthusiasm. The cup for the greatest number of points was awarded to Stoneham High School. All three members of the Stoneham Team were among the eight point winners, giving a total of twelve points. M. Pratt of Lowell High School won the individual gold medal for first place, and the silver medal for second place was awarded to W. R. Sleeper of Stoneham High School. The points were as follows:

Stoneham	12
Lowell	8
Medford	6
Hyde Park	5
Gloucester	3
Wakefield	2
Concord, N. H.	0
Brockton	0
New Bedford	0
Methuen	0

MECHANICAL ENG. SOCIETY.

Election of Officers and Interesting Talks by Professors Miller and Lanza.

The annual business meeting of the Mechanical Engineering Society was held last Tuesday night at the Union. There were about forty men present to listen to talks by Prof. Lanza and Prof. Miller. The first business at the meeting was the report of the secretary and treasurer, and then followed the election of officers for the ensuing year. A. G. Labbe was elected president; W. G. Hanford, vice-president; W. W. Bigelow, secretary; and A. B. Arnold, treasurer. E. D. Boles, C. Brewster and Allen Pope were elected to the executive committee.

Prof. Miller spoke first on the relative heats of gas and of hot-air engines. The subject matter of his address was given before the American Society of Mechanical Engineers nine years ago, but a number of errors were made and so the paper was somewhat discredited; but with the mistakes corrected it was of considerable value. Prof. Miller presented a number of charts showing plots of the relative heats of the various sorts of engines.

Prof. Lanza spoke on national and local engineering societies with regard to their advantages and disadvantages. He did not recommend joining a great number of societies, but he did advise men joining one or two carefully selected ones. Much may be gained by keeping in touch with the literature of the mechanical engineering societies. It is also advantageous to subscribe to a few of the leading engineering magazines. Besides the literature, coming in contact with men at the meetings of the society makes one acquainted with other men in his own profession, and in that way he keeps in touch with the engineering world. Prof. Lanza then described the American Society of Mechanical Engineers, its rules and regulations and the process of joining. He also told about the American Society of Civil Engineers and read selections from the catalogues and proceedings of the meetings. He described the various local societies which are to be found in a great number of the larger cities of the country, and told of the requirements for membership and the advantages over the larger societies. Prof. Lanza showed a large number of catalogues in which the men were much interested.

ELECTRICAL ENGINEERS MEET.

The Boston Branch of the American Institute of Electrical Engineers met in 6 Lowell Wednesday evening. Abstracts were read from the following papers: "Standardizing Rubber Covered Wires and Cables," by Mr. John Langan, and "Comments on Present Practice in Underground Cable Work," by Mr. Wallace Clark. The abstracts were followed by discussions.

E. E. SOCIETY EXCURSION.

Interesting Visit to L Street Plant Thursday.— Description of Equipment.

Twenty-five members of the Electrical Engineering Society visited the L Street Plant of the Boston Edison Company yesterday afternoon. Both the new station built in 1904 and the old one built in 1898 were inspected. The former as a type of modern lighting power house was of great interest. In this building two 5000 K. W. turbo-generators are installed. Provisions are made for the immediate installation of a third one. The boiler room and coal storage depositories were also seen by the visitors. The modern distance-control switchboard room was easily the most interesting of all the departments visited. The entire output of the combined stations, averaging 13,000 kilowatts, is controlled from this board by one operator.

In the old station there are six 1500 K. W. 2300 volt A. C. generators. The exciting current for all the big generators is furnished by three motor-generator exciter sets. Storage batteries are provided for lighting and field excitation in case of breakdown. The battery room and oil switch compartments are both of modern construction.

The coaling facilities of the station are excellent, the supply being taken from ships right at the company's docks, and then distributed by means of coal conveyors.

The plant is essentially an alternating current power house. The current is sent out to different stations in Boston and there changed into direct current for the Edison three-wire system by means of motor generators. The arc light service for the city proper is taken care of at L Street, where polyphase induction motors running on 2300 volt mains drive the ordinary type of Brush arc-light dynamos.

This will probably be the last excursion of the Society for the school year. However, an interesting smoke talk to the members is now being arranged.

WALKER CLUB TO MEET.

The next meeting of the Walker Club will be at the Technology Club on Friday evening, May 11. After an address by Professor Bates there will be the election of officers for the ensuing year, and also the consideration of a number of new men proposed for membership.

TALK BEFORE COURSE VI MEN.

Mr. Downton, of the Westinghouse Electric and Manufacturing Co., addressed the Course VI Seniors yesterday afternoon in 6 Lowell on the Apprentice Course with the Westinghouse Company. Mr. Downton also told of the work of Tech graduates now with the Westinghouse Company and spoke personally to seniors of Course VI interested in considering a position with that company.

CALENDAR.

FRIDAY, MAY 4.

1.00 P.M. 1909 Class Meeting, Huntington Hall.
4.00 P.M. Consolation Games at the Tech Field.
5.00 P.M. *Technique '08* Electoral Committee Meeting, 26 Rogers.
6.30 P.M. Tech Show Dinner at the Union.

SATURDAY, MAY 5.

2.00 P.M. Target Practice. Train leaves North Station.
2.19. Hare and Hounds Run at Hyde Park. Leave Back Bay at 2.19.
3.30 P.M. Baseball '08 vs. Lowell Textile at Lowell.
3.30 P.M. Baseball '09 vs. Tufts '09 at Tufts.
6.30 P.M. Kommers at Tech Union.

MONDAY, MAY 7.

4.15 P.M. Tech Board Meeting in Trophy Room, Rogers.

FACULTY NOTICE.

Course VI Seniors.—Mr. Grosvenor T. Blood of the engineering department of the American Telephone and Telegraph Company, will address the Course VI Seniors today at 9 o'clock, in 6 Lowell, on Costs as Affecting Engineering.

NOTICES.

1909 Baseball. — The 1909 Baseball team will play Tufts '09 at Tufts Saturday afternoon at 3.30.

Freshman Class Meeting. — There will be an important meeting of the Freshman Class to-day in Huntington Hall, at 1 P.M.

Target Practice — Target practice will be held as usual on Saturday afternoon of this week. The train leaves North Station at two o'clock.

Hare and Hounds.—There will be a Hare and Hounds Chase at Hyde Park tomorrow. The train leaves Back Bay Station at 2.19 P.M. Round trip fare 20 cents.

M. I. T. A. A.—There will be a meeting in Huntington Hall on Friday, May 11, at one o'clock. Next year's Track Team Manager and a delegate to the N. E. I. A. A. will be chosen.

Technique Electoral Committee. — There will be a very important meeting of the 1908 *Technique* Electoral Committee meeting *to-day*, in 26 Rogers, at five o'clock sharp. Every member of the Committee should be present. Some member of the 1907 Art Staff will speak, followed by the election of men to the 1908 staff.

SMOKE TALK FOR ARCHITECTS.

The Pen and Brush Club of Harvard has invited all the Architectural students at the Institute, higher than first year, to a Smoke Talk on Japan next Thursday evening, May 8. The talk will be given by Mr. Joseph Lindon Smith in the Assembly Room in Harvard Union.

The Tech

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In charge of this issue: L. H. KING, '09.

Friday, May 4, 1906.

An organization like the Technology Christian Association, whose work is more or less quietly done, is often likely to be neglected and perhaps even misunderstood. Its work is for the students by the students. Its aim is to unite the scattered body of moral and religious men at Tech into a moving force, which may exert a powerful influence to preserve all that is noble and good in undergraduate life. It has invited representative men to address the Association at its weekly meetings throughout the year with the view of presenting some idea of the student's part in the great world movements of today and of the great opportunities for performing some valuable service for humanity.

The Technology Y. M. C. A.

Until this year the work of the Association has been more or less imperfectly done because of the inability of the students to shoulder the responsibilities which come with executive duties and at the same time do justice to their Institute work. This trouble has been obviated this year to a great extent by the employment of a secretary who directs and supervises the work under the direction of a managing board.

Now that the college year is nearly over and plans for the next year's work are being discussed, there comes a call on the great body of students, who on honest thought can see the far-reaching possibilities of an enlarged Association, for their hearty support. Properly supported by the students who believe thoroughly in its work, who realize their own responsibility, and who find in the broadening influence of the activities with which they are connected, an interpretation of their own lives, the Christian Association at Tech has unlimited capacity for promoting all that is good in undergraduate life.

PROF. SEDGWICK ADDRESSES Y.M.C.A.

At the regular meeting of the Y. M. C. A. yesterday in the Trinity Parish Hall, Professor Sedgwick spoke to the men on "Reverence." He took as his text two lines from Tennyson

"Let knowledge grow from more to more
But more of reverence in us dwell."

Tennyson lived in a troubled time. Darwin, Huxley and Tyndall were all forcing Nature to give up her secrets, and men were torn in their beliefs between the old faiths and the new scientific doctrines. The lines from Tennyson represent the state of mind of many good men and profound thinkers of the age. Reverence is a feeling that is growing today. A dozen years ago it was the fashion to be irreverent. Robert Ingersol may be taken as a type of the scoffers, many of them clever and well educated men, who attracted so much attention by their criticisms of religion. These criticisms were sometimes very much to the point but oftentimes were merely irreverent or bitter. Darwin on the contrary was never irreverent even when advancing theories inimical to the Christian religion. Within the last ten years, however, the fashion of irreverence has died out and men are beginning to take a saner view of the whole question. The old idea of reverence was blind submission to some power which directed our existence. A better definition of reverence is respect for those things of life which are clean and of good report. Reverence leads us to respect the religion of a man, no matter what that religion may be or however much we may differ from its tenets, so long as that religion helps him to lead a clean and honorable life and to perform a man's work in the world.

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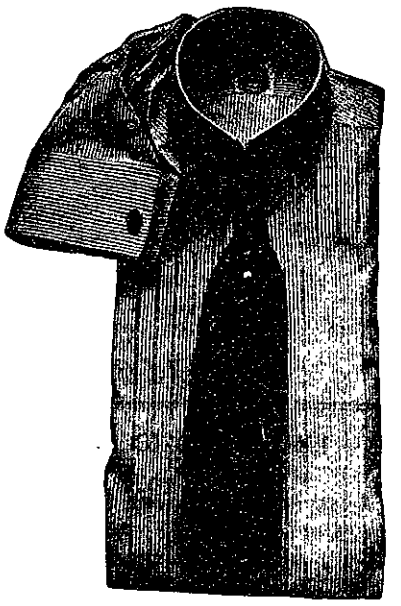

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1909 DEFEATS BOSTON COLLEGE '09.

The Freshman Baseball Team easily defeated the Boston College Freshman Team in baseball at Tech Field, Wednesday afternoon, by a score of 12 to 8. The Tech team had the hold on the Boston College team from the start Wentworth and Sherman played a strong game for Tech, while Casey played close for Boston College. The line-up follows:

Boston College '09.	A.B.	R.	P.O.	A.	E.
Corcoran 3b.	5	1	1	2	4
Casey p.	5	4	3	3	0
Rowe s.s.	5	2	0	2	0
Ginty 2b.	5	2	1	4	1
Broderick 1b.	5	1	12	0	1
Sullivan l.f.	5	0	0	0	1
Gibbons r.f.	4	1	0	0	0
Mahoney c.f.	5	0	0	0	1
Burke c.	1	0	7	3	0
White r.f.	1	0	0	0	0
Totals		11	24	14	8

Tech '09.	A.B.	R.	P.O.	A.	E.
Shea 2b.	5	1	4	0	0
Landis 3b.	5	1	1	0	0
Applin s.s.	5	2	3	5	0
Wentworth 1b.	5	1	9	0	1
Perry l.f.	5	2	2	0	1
Nichols c. f.	4	2	8	2	1
Kelly r.f.	4	1	1	1	0
Heard c.	4	0	5	0	1
Sherman p.	4	1	0	3	1
Totals		11	33	11	5

Innings	1	2	3	4	5	6	7	8	9	
Boston College	1	1	0	0	3	0	2	0	1	— 8
Tech '09	2	0	1	7	0	2	0	0	x	—12

Runs—Shea 2, Landis 2, Wentworth 2, Applin, Perry, Nichols, Kelly, Heard, Sherman, Rowe 3, Casey 2, Ginty, Broderick, Gibbons. Two base hits—Casey. Three base hits—Wentworth. Sacrifice hits—Perry, Landis. Stolen bases—Shea, Landis, Applin, Rowe 2, Broderick. First base on balls—Casey 3, Sherman 3. Struck out—Casey 4, Sherman 5. Umpire—A. Tylee, Tech.

GOOD TIME PROMISED AT KOMMERS.

The entertainment committee has decided to turn tomorrow's Kommers into one of the regular old-time gatherings that all enjoyed so much last year. As long as there will be no fixed speakers, it is hoped that the meeting will be, if possible, less formal than former ones this year. Everyone will be depended upon to do his part of the entertaining, if not by some individual act, by joining in the general good spirits that will prevail. Mr. Rand will do his share by telling an unusually large number of his funny stories, and Mr. Blachstein is also expected to help. The committee has decided to give the men an especially good dinner and the Union caterer has prepared himself to break all his records. The next Kommers after this one will be on the 12th and Mr. John Z. White will speak on "The Single Tax Question."

N. Y. STATE CLUB DINES.

There was a small, but sociable, gathering at the second dinner of the New York State Club, held at the Union last Wednesday night. President Griffin presided and introduced the speaker, Mr. Richard Soule,'72. Mr Soule spoke of the early days of the Institute, and of the need for a closer connection between the Corporation and the Faculty. He then urged the men to join the national engineering societies upon graduation from the Institute, and spoke of the advantages of such membership.

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READING NOTICES.

"A student chauffeur is wanted for the summer for a Stevens-Duryea touring car. Particulars can be obtained from the Bursar."

Lost—A Geology notebook has been lost or left in one of the Institute buildings. It contained notes on both Structural and Stratigrapical Geology. The finder will please leave it at the cage for H. Webb.

Theatre Attractions

HOLLIS.—"The Ham Tree."

COLONIAL.—Olga Nethersole.

TREMONT.—Bertha Kalich. Last week in "Therese Raquin."

BOSTON.—"Yankee Circus on Mars."

MAJESTIC.—Henry E. Dixie in "The Man on The Box."

CASTLE SQUARE.—"The Adventure of Lady Ursula."

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